

## 12-8064: Anti-Human DR5 (Drozitumab) - PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PRO95780
<b>Application :</b>	Functional Assay
<b>Reactivity :</b>	Human
<b>Alternative Name :</b>	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
<b>Isotype :</b>	Human IgG1lambda
<b>Immunogen Information :</b>	DR5 scFv

### Description

Expression Host : HEK-293

This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Drozitumab. Clone PRO95780 recognizes human death receptor 5 (DR5). This product is for research use only.

Drozitumab is a monoclonal antibody that specifically binds to human DR5. DR5 is expressed in a variety of solid tumors and hematologic malignancies, which are characteristically resistant to apoptosis. Drozitumab is a proapoptotic receptor agonists (PARA) that induces apoptosis in a variety of human cancer cell lines and xenograft models, both alone and in tandem with other antineoplastic agents.<sup>1</sup> Apoptosis of cancer cells triggered by the activation of DR5, occurs without affecting most normal cell types. Anti-Human DR5 (Drozitumab) utilizes the same variable regions from the therapeutic antibody Drozitumab making it ideal for research projects.

### Product Info

<b>Amount :</b>	50 µg Concentration : 0.2 mg/ml
<b>Content :</b>	This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
<b>Storage condition :</b>	This R-phycoerythrin (R-PE) conjugate is stable when stored at 2-8°C. Do not freeze.

### Application Note

The suggested concentration for Drozitumab biosimilar antibody for staining cells in flow cytometry is  $\leq 1.0$  µg per 10<sup>6</sup> cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.